

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8304 (1977): Wooden Winding Rollers for Textile Finishing Machines [TXD 21: Dyeing, Finishing and Allied Machinery and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

BLANK PAGE





Indian Standard

SPECIFICATION FOR WOODEN WINDING ROLLERS FOR TEXTILE FINISHING MACHINES

1. Scope — Prescribes requirements of wooden winding rollers used in textile finishing machines.

2. Manufacture

2.1 Material

Roller — Seasoned [see IS : 1141-1973 Code of practice for seasoning of timber (*first revision*)] pine, birch, teak or any other suitable wood

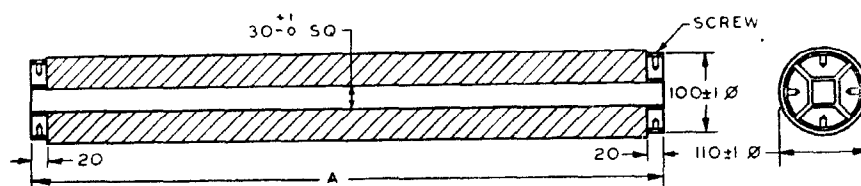
Shaft — Mild steel

Fittings — Metal protected from corrosion

2.2 Freedom from Defects — The wood used shall be free from decay spots, twisted grain (corkscrew growth) and medullary tube. Insect attack, resin gall (pitch pockets) and cracks and knots up to 30 mm diameter shall, however, be permissible if repaired with good workmanship. The fittings shall be free from burrs. The screws shall be countersunk and shall not protrude from the surface of the roller.

3. Dimensions and Tolerances

3.1 Roller — As given in Fig. 1.



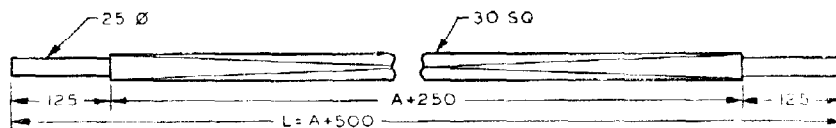
All dimensions in millimetres.

A = overall width of winding roller

FIG. 1 TYPICAL WINDING ROLLER FOR TEXTILE FINISHING MACHINE

3.1.1 The overall width of the roller shall be as prescribed by the buyer subject to a tolerance of ± 3 mm. Recommended values are specified in IS : 7952-1976 'Nominal widths of textile finishing machines for treatment of textile fabrics in open width'.

3.2 Shaft — As given in Fig. 2.



All dimensions in millimetres.

A = overall width of winding roller

L = overall width of shaft (square bar) for winding roller

FIG. 2 SHAFT FOR WINDING ROLLER

4. Designation — The winding roller shall be designated by its material, width in mm, diameter in mm and square drive in mm.

Example

Wooden winding roller having width of 1 600 mm, diameter of 110 mm and square drive of 30 mm shall be designated as under:

Winding Roller, Wooden 1 600 × 110 × 30

IS : 8304 - 1977

5. Marking — Each roller shall be marked with brand name or trade-mark of the manufacturer.

5.1 ISI Certification Marking — Winding roller may also be marked with ISI Certification Mark. Details of the scheme are available with the Indian Standards Institution.

6. Sampling

6.1 Lot — All the rollers of the same width delivered to a buyer against one despatch note shall constitute a lot.

6.2 The conformity of the lot to the requirements of this standard shall be determined on the basis of the tests carried out on the rollers selected from the lot.

6.3 Unless otherwise agreed to between the buyer and the seller the number of rollers to be selected for examining defects and dimensions shall be as given below:

<i>No. of Rollers in the Lot</i>	<i>No. of Rollers to be Inspected</i>
100 to 150	8
151 to 300	13
301 to 500	20
500 and above	32

6.4 The lot shall be considered conforming to the requirements of this standard if all the rollers are found satisfactory.